

WBII
Nov

Weather Bird II November 2nd - 8th, 2011
Ocean Acidification Research Cruise

November 2nd, 2011

- Departure ~ 11 am
- Two transects in unimpacted area (ST & NT)
→ out towards shelf & back

1246 Flow-through System turned on
Setting up Sonde, Aft PH

1255 Aft PH started

1304 Sonde Logging setup & started
(fixed time on it)

1310 Surface Sample WB11-001 & WB11-001.50
Loc N27°34.970 W82°53.516
Temp 22.03 Sal 34.15

1322 Setting up PH Probe

1337 PH Sample: 8.013
4th set jumping all over

1353 Aft PH seems okay, Value
near PH Probe

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ST03

1450	CTD Cast ^{UP}	Temp 23.57	Sal 35.35		
	WB11-002		7	TOP	Depth Surf. 13m
	003		3	Mid	10m
	004		2	Bot	13m

1657 Surface sample WB11-005
Loc N27°29.969 W83°16.604
Temp 24.11 Sal 35.88

1704 PH Sample
Loc N27°29.969 W83°10.624
Temp 24.11 Sal 35.88
Integration Time: 41
pH: 7.9333

1849 Surface Sample WB11-006
Loc N27°28.330 W83°15.838
Temp 24.55 Sal 36.13
Sal 36.28

2033 ST06 Temp 24.63 1 Bot Depth
WB11-007 7 Surf

WBH
Nov

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2100 PH probe Sample
integration time 47
→ 8.0329

November 3rd, 2011

0502 flow through systems weren't flowing
turned up the water, seem fine now

0506 Surface Sample WB11-008
Loc N27 21.194 W 83° 55.081
Temp 24.66 Sal 36.01

0522 PH probe sample
integration time 60
PH: 8.0266

0554 Exported Aft PH data & started
new data file

ST12

2640 CTDUP Temp 25.44 Sal 35.77

WB11-009
010
011

Bottle	Area	Depth
7	TOP	Surf.
4/5	MID	25m
2	BOT	58m

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948 PH probe Sample
integration time 40
40 µl no B
Still screwed up.

1028 Surface Sample WB11-012
Loc N27 18.804 W 84° 10.431
Temp 25.54 Sal 35.81

1432 ST18

1346 CTD down

1356 CTDUP Temp 25.81 Sal 35.88

Bottle Area	Depth
3 TOP	surf
3 TOP	surf

WB11-013

013dep

Cast 2

1447 Surface Sample WB11-002:50
Loc N27 12.698 W 84° 25.832
Temp 25.95 Sal 35.59

1646 Surface Sample WB11-014 8327
Loc N27 12.698 W 84° 25.832
Temp 26.10 Sal 35.57

WBIF
Nov

November 3rd, 2011

2204 PH Probe Sample 25
Loc 11270 12.698 W 84.° 56.560
Temp 24.97 Sal 36
PH: 8.0683

Notes: GPS might be off
couldn't get 80ul sample results
above previous

ST24

Temp 24.67 Sal 36.04

2325 Cast 1 0037C2

Sample	Cast	Bottle	Area	Depth
WB11-016	1	6	Top	Surf
-017	2	5	Mid	400
-018	2	1	Bot	800
-019	1	4	Top	2.5
-020	1	3	Max	50
-021	1	2	Bot	75

November 4th, 2011

0630 Science ops, stopped due to
weather (flow through included)

1230 stopped logging w/ Sonde & Aft.

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November 4th, 2011

1800 no break in weather forecast
heading home
ETA Noon Saturday
1430

NOV 03 09:54 AM

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